



COLORADO

**Colorado Water
Conservation Board**

Department of Natural Resources

Jared Polis, Governor

Dan Gibbs, DNR Executive Director

Rebecca Mitchell, CWCB Director

TO: Colorado Water Conservation Board Members

FROM: Lauren Ris, Deputy Director
Kirk Russell, Finance Section Chief

DATE: September 15-16, 2021

AGENDA ITEM: 8a. Chatfield Shares Purchase Castle Pines Metropolitan District

Staff Recommendation:

Staff recommends that the Board approve the sale of 90 additional units in the Chatfield Storage Reallocation Project to Castle Pines Metropolitan District for \$8,300.97 per unit.

Introduction:

Castle Pines Metropolitan District (Castle Pines Metro) is interested in purchasing 90 additional units from CWCB in the Chatfield Storage Reallocation Project (Project). Each unit is equal to one acre-foot of storage space in the reservoir. The expected final cost of one unit in the project is \$8,300.97. Castle Pines Metro plans to purchase 25 units of space this year, and the remaining 65 next year for a total cost of \$747,087.30.

Castle Pines Metro is an existing participant in the Project and currently owns 10 units of storage space. The District currently provides water, wastewater collection, operation and maintenance of street improvements and storm drainage services to The Village at Castle Pines in Douglas County.

Background:

Chatfield Reservoir is an on-stream, multi-purpose reservoir built between 1967 to 1975 and is located at the confluence of the South Platte River and Plum Creek. The dam and reservoir are owned and operated by the U.S. Army Corps of Engineers (USACE). Chatfield's primary purpose is flood control but some of its storage space is used as a multipurpose pool for water supply. Denver Water was the sole user of Chatfield's originally allocated storage space for water supply.

In the mid-1990s, DNR, acting through CWCB and on behalf of numerous local water providers, requested the USACE to reallocate a portion of Chatfield's flood control storage for water supply storage. The USACE ultimately determined Chatfield can accommodate a reallocation of 20,600 AF from the flood control pool to a multipurpose pool for water supply without compromising Chatfield's primary flood control function. Storing the additional 20,600 AF in Chatfield will raise operational water levels 12 feet in elevation from the historical operational high level of 5,432 feet to 5,444 feet. Construction costs of the Project were to

mitigate both the environmental and recreational impacts a 12-foot rise will have at the reservoir site.

The Chatfield Reallocation Mitigation Company was formed in 2015 to implement the Project. The company is made up of all participants in the Project listed in Table 1. and is the entity that oversees the Project work, including managing contractors. Mitigation work for the Chatfield Storage Reallocation Project began in November 2017 and was substantially completed during the spring of 2020. The Project was approved for reallocated storage by USACE in May 2020. The anticipated final total cost of the Project is \$171 million.

Table 1.
Chatfield Reallocation Current Project Participants as of September 2021

Participant	Current Storage Amount (AF)	Pending Purchase from CWCB (AF)	Total Projected Shares (AF)
Castle Pines Metro District	10	90	100
Center of CO Water Conservancy District	131	10	141
Dominion Water & Sanitation District	500		500
Castle Rock	590	1,410	2,000
Colorado Parks and Wildlife	1,000		1,000
Castle Pines North Metro District	1,006		1,006
Denver Water		1,633	1,633
Central CO Water Conservancy District	4,274	1,000	5,274
Centennial Water & Sanitation District	6,922		6,922
CWCB Environmental Pool	600	500	1,100
CWCB "Orphan Shares"	5,567	-4,643	924
Totals	20,600		20,600